

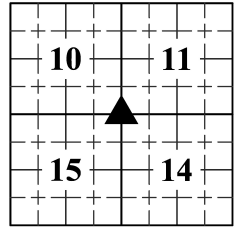
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W_J17

Section Corner

Sections 10, 11, 14 & 15 - T06N – R05W, 2nd P.M.

Taylor Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

6" long mag spike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022" set 1.5" below grade to replace a 2-1/2" magnail found 1.5" below grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location.

The corner is in the approximate centerline of Harvest Church Road and 5 feet west of the centerline of Baseline Road.

GEODETIC COORDINATES: (OSM #10786)

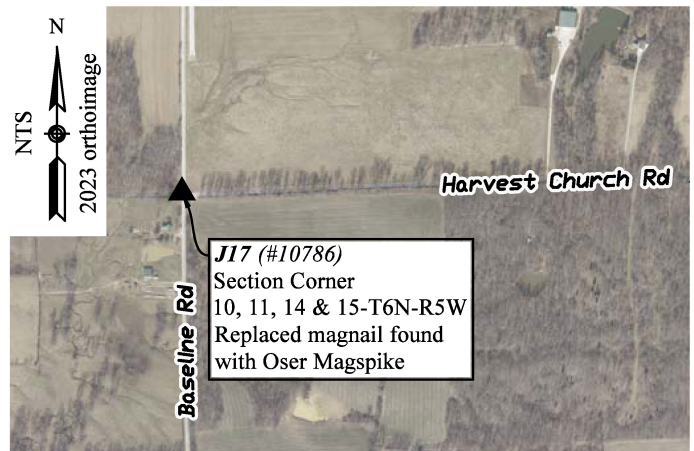
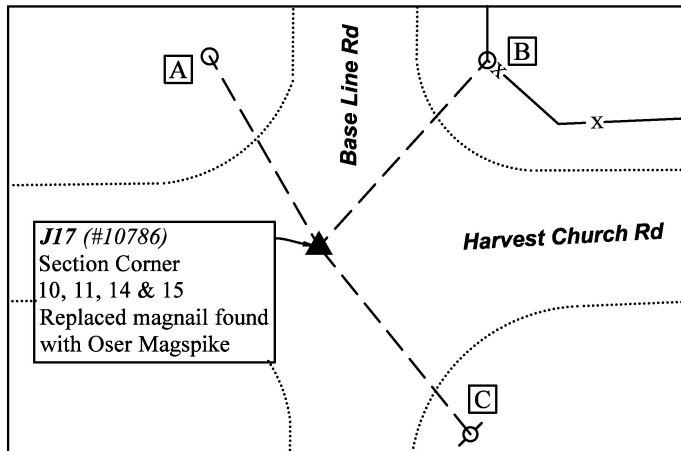
Northing	Easting	Datum	Datum Details
304398.95	832637.44	InGCS Greene Zone	US Survey Feet, NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3
1352419.79	2993245.92	NAD83(2011) IN West Zone	

WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 30° W	33.1'	Cut X in south rim of 9" dia. water valve at the northwest corner of the intersection of Harvest Church Road and Baseline Road
B	N 42° E	37.9'	2" mag nail and 1-1/2" orange plastic disc set 9" above grade on the northwest side of a 7" wood post
C	S 39° E	36.4'	2" mag nail and 1-1/2" orange plastic disc set 16" above grade on the southwest side of 9" utility pole #UDWI 135376 with a Greene County Survey Marker sign set on the northwest side 6.75 feet above grade

Notes: All witness ties were located with RTK and are measured to the nail, not the post or pole center.

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Greene County Surveyor Francis Parker re-established this corner in 1881 from the original bearing trees. No attempt was made to find a stone because the corner falls under the asphalt of Base Line Road and Harvest Church Road. Marston Fowler set a railroad spike at this corner in 1989. Dimensions to monuments to the east and west provided on the two 1989 Fowler surveys listed below indicate that the railroad spike was 5.8 to 8.2 feet east of the magnail and Fowler's survey plats depict the spike in the centerline/centerline. Dimensions provided on a 1988 survey by Elliott Sturgeon also indicate that the corner was closer to the centerline/centerline intersection. Sturgeon's pin was 5.6 feet east of the magnail found this survey. No trace was found of the spike. The origin of the magnail is unknown, it was found 5 feet west of the centerline of Base Line Road and has been accepted by Jess Gwinn, David Meier, Eric Deckard, and Michael Conley. We accepted it as the corner by common report and replaced it with a 6" magspike.

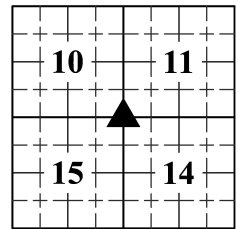
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EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Arthur Henrie

Where filed or recorded: F_EV05P466

Original monument: Wooden Post

Bearing Trees	Bearing	Distance
24" w.oak	S 19 E	28 lks = 18.48 ft
12" w.oak	S 84 E	31 lks = 20.46 ft

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 08/01/1881 By: Parker, Francis M

Where filed or recorded: LSB3, pg 118

Monument: Re-established from remains of both trees

Bearing Trees	Bearing	Distance
15" jack oak	N 14 W	42 lks = 27.72 ft
18" maple	S 72 E	49.5 lks = 32.67 ft

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/12/1851	Cressy, F.B.	Legal Survey in Sec. 14	LSB1, pg 233
12/10/1888	Clogston, W.W.	Legal Survey in Sec. 15	LSB4, pg 101
03/27/1988	Sturgeon, Elliott	Section Breakdown for part of Sec. 10, 14 & 15 (<i>found pin</i>)	GCSO
09/23/1989	Fowler Jr., Marston	Wilbur Hord Survey in Section 10 (<i>iron spike set</i>)	2001-4866
11/18/1989	Fowler Jr., Marston	Legal Survey for Mylott in Sec. 14 (<i>not noted</i>)	LSRB1, pg 27
circa 2015	Meier, David	Survey of 79.08 acres in Section 14 (<i>mag nail found</i>)	2015-2419
01/03/2017	Gwinn, Jess	Small Boundary Survey in Section 11 (<i>mag nail found – presumed to have been set to replace the spike after the intersection was worked on a few years prior.</i>)	2017-1948
11/29/2017	Deckard, Eric	Woodward Survey in Sec. 14 (<i>mag nail not recovered – calculated per survey by David Meier</i>)	2018-0075
06/08/2018	Gwinn, Jess	Rollison Boundary Survey in Section 11 (<i>magnail found</i>)	2018-2629
11/01/2021	Hudson, Brock	Robinette Survey in Sec. 15 (<i>magnail found 2" below grade – held to establish the north line of the NE/4 of the NE/4 of Section 15, but did not call it out as the corner</i>)	2021-6398
12/01/2022	Conley, Michael	Location Control Route Survey Des.No. 2000862 (<i>accepted magnail found flush</i>)	2022-5199

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the monument set in 1881, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 8.2 feet.
- Inconsistencies in the lines of Occupation: 5 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

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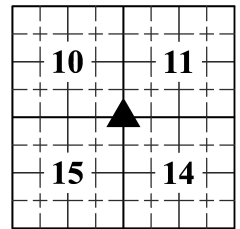


PHOTO IDENTIFIED:



Photo Orientation & Description: Looking north at J17



Photo Orientation & Description: Looking west at J17

FIELD PERSONNEL:

Field Date: 06/13/2023 and 10/25/2023 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10248 Corner Perpetuation Survey for Taylor Township Sections 2, 11, 14 & 23, Township 6 North, Range 5 West

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS.

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com

Date: 10/31/2023



This document is not complete without the associated plat and report of even date.